

Amphenol LTW M12 Power Group

L / K / S / T Coding For Your High Power Transmission



Key Features

- ✓ Compact Design
- ✓ High Power Transmission Up To 16A
- ✓ Support AC / DC Applications
- ✓ Available In **L / K / S / T** Coding
- ✓ UL 94V-0 Rated



UV Resistant



UL 94V-0



Fully
Shielded



Harsh
Environment



Space
Saving



Compact
Design

Application:



Industrial Automation



Electric Bikes



Auxiliary Power



Lighting Systems







Frequency Inverters



Marine

Specification:

| Ordering Information | | M12 S Code | M12 T Code |
|----------------------------|-----------------------|---|---|
| Product Image | |  |  |
| Connector Type | | Receptacle With Wires / Field Installable | Receptacle With Wires / Field Installable |
| Mechanical Characteristics | Operating Temperature | Receptacle With Wire: -40°C ~ 85°C Field Installable: -40°C ~ 105°C | Receptacle With Wire: -40°C ~ 85°C Field Installable: -40°C ~ 105°C |
| | Cable Assembly Style | Screw Termination | Screw Termination |
| | Mating Cycle | 100 | 100 |
| | Vibration | 10~500 Hz and 0.35mm | 10~500 Hz and 0.35mm |
| Electrical Characteristics | IP Rating | IP67, IP68 (1M 24Hr) | IP67, IP68 (1M 24Hr) |
| | Current Rating @40°C | 12A | 12A |
| | Voltage Rating | 630V AC | 63V DC |
| | Contact Resistance | <5mΩ | <5mΩ |

| Ordering Information | | M12 K Code | * M12 L Code |
|----------------------------|-----------------------|--|---|
| Product Image | |  |  |
| Connector Type | | Receptacle / Overmolded Cable / * Field Installable | Receptacle / Overmolded Cable / * Field Installable |
| Mechanical Characteristics | Operating Temperature | Receptacle / Field Installable: -40°C ~ 105°C Overmolded with Cable: -25°C ~ 80°C | Panel: -40 ~ +85°C Overmolded with cable: -20~+85°C Field installable: -40~+105°C |
| | Cable Assembly Style | Screw Termination | Screw Termination |
| | Mating Cycle | 100 | 100 |
| | Vibration | 10~500 Hz and 0.35mm | 10~500 Hz and 0.35mm or 5g |
| Electrical Characteristics | IP Rating | IP67, IP68 (1M 24Hr) | IP67, IP68 (1M 24Hr) |
| | Current Rating @40°C | 12A | 16A |
| | Voltage Rating | 630V AC | 63V DC |
| | Contact Resistance | <5mΩ | <5 mΩ |

*** Coming Soon**

